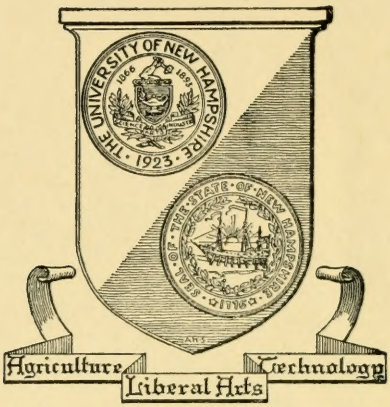
Library of



The University
of
New Hampshire

Bulletin 341 July, 1942

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION
Department of Agronomy

Results of Seed Tests for 1942

MADE FOR THE
STATE DEPARTMENT OF AGRICULTURE

By BESSIE G. SANBORN

THE UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N. H.

RESULTS OF SEED TESTS

Made July 1, 1941, to June 30, 1942

This report contains the results of the inspection for the State Department of Agriculture of two hundred and ninety-eight official samples collected throughout the State during the period from July 1, 1941, to June 30, 1942. Each of these samples was analyzed and the results mailed to the retail dealers concerned. In addition to these official samples, one hundred and eighty-three private samples were analyzed, making a total of four hundred and eighty-one samples inspected.*

COMPARISON OF SEEDS FOR TEN YEARS

		Below in Purity		*Below in Germination*	
	Samples Tested	*Number*	*Per Cent*	*Number*	*Per Cent*
1933	384	30	7.8	37	9.6
1934	412	22	5.3	62	15.0
1935	391	28	7.1	74	18.9
1936	430	34	7.9	84	19.5
1937	439	31	7.0	70	15.9
1938	392	60	15.0	75	19.1
1939	426	32	7.5	100	23.5
1940	408	33	8.0	66	16.1
1941	416	29	6.9	46	11.0
1942	298	6**	2.0**	33	11.0

FREE TESTING OF SEEDS

For the present, the Seed Testing Laboratory will allow six free tests, in a given year, to any resident organization or citizen of New Hampshire, and these seeds must be received in the laboratory during the months of *January* or *February*. This number of samples, not including mixtures, may be analyzed either for purity or for germination, or three samples for both purity and germination, free of charge. For numbers in excess of six, a charge will be made for labor and consumable supplies only, the amount depending on the type of sample according to the following schedule:

Germination tests of all crop seeds, including timothy, clovers and alfalfa, 25 cents each;

Germination tests of all grasses except timothy, 50 cents each;

Germination tests of mixtures, 25 cents for each kind of seed present;

Purity analyses of cereals like corn and oats, 50 cents each; and of timothy grass, 75 cents each;

*Miss Beatrice Sanborn assisted with the purity and germination tests herein reported. For her services the writer wishes to express grateful acknowledgment.

**Last year the Association of Official Seed Analysts adopted a new table of tolerance applying to purity which allows a slightly wider variation from the guarantee, which accounts for the marked decrease in the number of samples found low in purity this year.

Purity analyses of all other kinds of crop seeds, except grasses, 75 cents each;

Purity analyses of the smaller grass seeds and of all mixtures of not more than two kinds of agricultural seeds, $1.00 each;

All purity analyses of special mixtures, including those for lawn and pasture seeding, a charge sufficient to cover the actual cost of working the sample submitted for test, minimum charge of $1.25.

On account of official work, which begins in earnest the first of March and taxes all our resources, private samples either for free testing or otherwise cannot be handled later than February. We shall appreciate your cooperation in sending in private samples according to the above request.

Samples of seed to be tested should be drawn in such a way as to be representative of the bulk lot from which they are taken, and should be addressed to the State Seed Testing Laboratory, Durham, New Hampshire. For a germination test, at least 400 seeds should be sent to the laboratory. Fees must be paid before reports are sent out. A given seed company will be entitled to six private tests without charge, not six from each branch store. Such private tests cannot be declared as state official tests unless drawn by a representative of the Department of Agriculture, as provided in Chapter 182 of the Public Laws.

N. H. EXPERIMENT STATION
SEED INSPECTION, 1942

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaranteed	Found	Guaranteed
Badger Farm Creameries, Greenland	12477	Alfalfa, Grimm, F23	1942	S	99.00	S	93
	12475	Alsike Clover, 28411	1942	A	96.78	S	88
	12489	Hungarian Millet, 482	1941	S	99.10	S	85
	12488	Japanese Millet, 466	1941	S	97.50	S	85
	12476	Red Clover, Pan American, 5055	1941	S	99.00	S	80
	12491	Red Clover, Medium, 28409	....	S	99.75	S	93
	12490	Timothy, Pan American, 12527	1941	S	99.60	S	90
L. C. Berry, Lebanon	12545	Alsike Clover, 5343	1940	S	98.55	S	77
	12544	Mixture, Timothy & Alsike, 5399	1940	S	97.45	S	83
	12543	Redtop, 30-105	1941	A	95.00	S	90
	12586	Timothy, Arco Brand, 10-301	1941	S	99.60	S	90
V. H. Cassidy, Londonderry	12442	Alsike Clover, 21891	1942	S	98.95	S	80
	12446	Japanese Millet, 08176	1941	S	98.66	S	85
	12448	Rape, Dwarf Essex, 95616	1941	S	99.88	68.5	88
	12445	Red Clover, Medium, 24848	1942	S	98.58	S	80
	12443	Redtop, Pine Tree, 4154	1942	S	95.90	S	93
	12444	Timothy, Pine Tree, 66212	1942	S	99.70	S	91
Chase Grain Mill, Plymouth	12612	Alsike Clover, 6147	1942	S	98.05	S	81
	12601	Canada Field Peas, 3038	1942	S	99.50	S	95
	12607	Hungarian Millet, 6181	1942	S	99.04	67	80
	12608	Japanese Millet, 6237	1942	S	97.70	S	90
	12600	Oats, Wirthmore Brand Seed	1942	S	96.50	S	95
	12606	Redtop, 2262	1942	S	96.00	S	85
	12611	Redtop, 3754	1942	S	95.34	S	90
	12610	Timothy, 3604	1942	S	99.70	S	90
Checkerboard Feed Store, Claremont	12576	Barley, Wisconsin No. 38, 6-row, 8013	1942	S	99.65	S	95
	12575	Redtop, Fancy, 4317	1941	S	92.31	79	90
Checkerboard Feed Store, Concord	12344	Red Clover, Medium, 2430	1939	S	99.32	S	84
	12345	Redtop, 41588	1939	91.53	98.10	S	90
	12346	Vetch, Spring	1937	S	98.00	38.5	88
Checkerboard Feed Store, Dover	12467	Red Clover, Medium, Pine Tree, 24603	1941	S	99.20	S	85

A = Above. S = Satisfactory. *As stated on tag accompanying seed.

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaranteed	Found	Guaranteed
Checkerboard Feed Store, ... Exeter	12417	Alsike Clover, Pan American, 1559..	1941	S	98.25	66	80
	12418	Hungarian Millet, 482	1941	S	99.10	S	85
	12420	Oats, No. 1, White Oats	....	S	98.00	S	95
	12419	Red Clover, Pan American, Medium, 5055	1941	S	99.00	S	80
	12414	Redtop, Pan American	1941	S	96.00	S	90
	12421	Timothy, Pan American, 12527 ...	1941	S	99.60	S	90
Checkerboard Feed Store, ... Lancaster	12511	Alsike Clover, Pan American, 1559..	1941	S	98.25	S	80
	12539	Buckwheat, Silver Hull, 8125	1942	S	99.60	S	93
	12518	Hungarian Millet, 482	1941	S	99.10	S	85
	12517	Japanese Millet, 466	1941	95.91	97.50	S	85
	12510	Red Clover, Pan American, Medium, 5055	1941–	S	99.00	S	80
	12519	Redtop, Pan American, 4061	1941	S	96.00	S	90
	12520	Soybean, Black Wilson, 9509	1941	S	99.38	S	86
	12509	Timothy, Pan American, 12527 ...	1941	S	99.60	S	90
Clement's Grain Store, ... Lisbon	12565	Hungarian Millet, 38-253	1942	S	98.52	S	85
	12554	Japanese Millet, J-5B42	1941	S	98.92	S	85
	12595	Red Clover, Medium, 15-406	1942	S	99.25	S	80
	12592	Redtop, 30-121	1942	S	92.29	78.5	90
G. B. Currier Company, ... Colebrook	12531	Alsike Clover, 25-275	1941	S	98.00	A	78
	12535	Barley, Wisconsin No. 38, 35-311 ...	1942	S	98.50	A	88
	12536	Barley, Smooth Awn, 35-237	1940	S	98.10	S	98
	12538	Barley, Fancy Trebi, 6-rowed	1942	S	97.00	S	95
	12540	Canada Field Peas, 40-68	1942	S	99.50	64	90
	12521	Hungarian Millet, 38-248	1942	A	97.50	S	85
	12534	Hunagrian Millet, 38-163	1941	S	98.00	S	88
	12537	Oats, O & M Seed, A-204	1942	S	99.00	S	93.5
	12524	Red Clover, Medium, 15-405	1942	S	99.08	S	76
	12525	Red Clover, Medium, 15-305	1940	S	99.06	S	88
	12532	Red Clover, Medium, 15-344	1941	S	99.60	S	85
	12533	Red Clover, Medium, 15-346	1941	S	99.25	A	80
	12530	Redtop, 30-118	1942	S	95.00	S	88
	12528	Soybeans, Black Wilson, 42-185 ...	1942	S	99.00	S	90
	12529	Soybeans, Manchu, 42-180	1942	S	99.00	S	90
	12522	Timothy, Arco, 10-340	1942	S	99.60	S	90
	12523	Timothy, Arco, 10-367	1942	S	99.60	S	90
	12526	Timothy, 8169	1941	S	99.60	72.5	90
Delaware Grain Store, ... Claremont	12568	Timothy, L3-2142	1941	S	99.60	S	90
	12569	Timothy, 12534	1942	S	99.80	S	94

The Depot Store, Littleton	12584	Alsike Clover, Herald	1942	S	97.00	S	80
	12585	Hungarian Millet, 48-2	1942	S	99.56	65.5	83
	12596	Red Clover, Imperator, Domestic Medium, 50528	1942	S	98.30	S	80
	12547	Redtop, Pan American, 40517	1942	S	95.30	S	95
	12571	Timothy, Gold Medal, 12527	1942	S	99.75	S	93
	12597	Timothy, Herald, 1246	1942	S	99.00	60	80
Dover Grain Company, Dover	12458	Alsike Clover, 5348	1942	S	98.50	62	75
	12451	Japanese Millet, 5838	1942	S	98.40	74	85.5
	12457	Japanese Millet, 1428A	1942	S	98.14	S	71
	12463	Oats, Wirthmore	1942	S	96.50	S	95
	12461	Red Clover, Medium, Liberty, 6173	1942	S	99.50	S	90
	12462	Redtop, Fancy, 3702	1942	S	92.83	S	92
S. A. Dow & Son, North Hampton	12492	Alsike Clover, Fancy, 15519	1942	S	98.55	S	88
	12495	Hungarian Millet, 9163	1941	A	98.42	70	87
	12494	Redtop, Pan American, 4364	1941	S	94.10	S	92
	12493	Timothy, Pan American, 12534	1942	S	99.80	S	94
W. E. Dunbar Sons, Manchester	12369	Red Clover, Medium, 24848	1942	S	98.58	S	80
	12368	Redtop, P. T., 4154	1942	S	95.90	S	93
	12367	Timothy, 66212	1942	S	99.70	S	91
Eastern States Farmers' Exc., Claremont	12570	Japanese Millet, 5541	1942	S	99.00	S	88
Eastern States Farmers' Exc., Concord	12347	Mixture, Hayland No. 1, 920	1941	S	99.31	S	83
	12348	Mixture, Hayland No. 2, 935	1941	S	99.08	S	84
	12349	Mixture, Hayland No. 3, 921	1941	S	99.39	S	75
	12350	Mixture, Hayland No. 4, 922	1941	S	99.48	S	60
	12351	Mixture, Meadow Pasture A, 948	1941	S	96.55	S	76
	12352	Mixture, Meadow Pasture B, 949	1941	S	97.75	S	82
	12353	Mixture, Meadow Pasture C, 950	1941	S	97.72	S	82
	12354	Red Clover, Medium, 932	1941	S	99.30	S	75
Eastern States Farmers' Exc., Manchester	12362	Alfalfa, Grimm, 900	1941	S	99.50	S	75
	12360	Alsike Clover, 903	1941	S	99.45	S	70
	12359	Hungarian Millet, 956	1942	S	99.00	S	82
	12356	Japanese Millet, 904	1941	S	99.00	S	90
	12363	Ladino Clover, 5301	1942	S	99.40	S	85
	12364	Redtop, Fancy Solid, 4801	1941	S	98.10	S	90
	12355	Ryegrass, Domestic, 5121	1941	S	99.40	S	92
	12365	Sudan Grass, 945	1941	S	98.25	S	88
	12358	Timothy, 892	1941	S	99.55	S	90
	12361	Timothy, Alsike Mixture	1941	S	99.40	S	88
	12357	Vetch, Hairy, 926	1941	S	99.00	S	75

A = Above S = Satisfactory. *As stated on tag accompanying seed.

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaranteed	Found	Guaranteed
Farm Service Company, ... Derry	12441	Ladino Clover, 100-393	1942	S	98.50	S	90
	12450	Oats, P. G., 42-1013	1942	S	96.00	S	90
Farm Service Company, ... Derry	12447	Red Clover, Anchor, Medium, 15-399	1942	S	99.27	S	80
	12449	Soybeans, Manchu, 42-180	1942	S	99.00	S	90
Farm Service Company, ... Dover	12456	Alsike Clover, Anchor, 25-297	1942	S	97.45	S	81
	12473	Canada Field Peas, 40-68	1942	S	99.50	S	90
	12474	Oats, Unknown, 42-1013	1942	S	96.00	S	90
	12471	Redtop, 30-108	1941	A	92.00	S	90
	12470	Rye, Spring, 85-97	1940	S	99.50	57	87
	12455	Timothy, Arco, 10-357	1942	S	99.62	S	90
	12472	Vetch, Spring, 43-86	1942	S	95.00	S	85
Farm Service Company, ... Portsmouth	12496	Mixture, Red Clover and Alsike, 15-399, Medium Anchor	1942	S	99.27	S	80
	12497	Redtop, Solar, 8115	1940	S	94.46	S	90
	12499	Redtop, 30-111	1942	S	94.00	S	90
	12498	Rye, Spring, 85-134	1942	S	97.50	S	85
Farmers' Feed & Supply Co., ... Lancaster	12506	Alsike Clover, 25-278	1941	S	98.53	S	78
	12501	Japanese Millet, 38-167	1941	S	98.53	77	88
	12508	Redtop, 30-115	1942	S	94.00	S	90
	12503	Ryegrass, Domestic, 39-62	1942	S	99.49	S	93
	12507	Wheat, Winter, N. Y. State, 65-65..	1937	S	98.50	83	91
Farmers' Feed & Supply Co., ... Manchester	12388	Alfalfa, Grimm, 28-238	1940	S	99.20	75.5	85
	12387	Alsike Clover, 25-303	1942	S	97.50	S	80
	12389	Barley, 6-row, 35-280	1941	S	98.50	S	88
	12378	Hungarian Millet, 38-239	1942	S	98.00	S	87
	12392	Hungarian Millet, 38-192	1941	S	98.00	71.5	83
	12385	Japanese Millet, 38-231	1941	S	97.00	S	85
	12377	Oats, 40-42 lb., Overall Recleaned, Selected	1942	S	96.00	S	94
	12386	Red Clover, Medium, 15-300	1942	S	99.25	S	82
	12391	Redtop, 30-116	1942	S	94.00	S	90
	12390	Soybeans, Black Wilson, 42155	1941	S	98.50	S	80
	12375	Timothy, Arco, 10-360	1942	98.88	99.80	S	90
General Mills, Inc., ... Exeter	12440	Alfalfa, Grimm, Certified, 28-288 ..	....	S	99.50	S	72
	12415	Alsike Clover, 25-297	1942	S	97.45	S	81

General Mills, Inc., Exeter	12433	Alsike Clover, Arco, 25-313	1942	S	99.00	S	87
	12439	Bluegrass, Kentucky, 34-79	1942	S	87.30	S	85
	12432	Hungarian Millet, 38-233	1942	A	97.50	S	85
	12416	Japanese Millet, 38-231	1942	96.67	98.25	S	85
	12431	Red Clover, Arco, 15-391	1942	S	99.00	S	75
	12427	Redtop, Arco, 30-111	1942	S	94.00	S	90
	12429	Soybeans, 42-137	1941	S	99.00	75.5	90
	12428	Timothy, Arco, 10-334	1941	S	99.60	S	90
	12430	Timothy, Arco, 10-367	1942	S	99.60	S	90
	12438	Timothy, Arco, 10-357	1942	S	99.62	75	90
Holbrook Grocery Company, Woodsville	12559	Alsike Clover, Special, 4238	1942	S	96.65	S	81
	12564	Alsike Clover, Monad.	1942	S	98.35	S	83
	12566	Canada Field Peas, 85564	1942	S	99.50	S	80
	12555	Hungarian Millet, 8385	1942	S	99.17	S	80
	12560	Red Clover, Special, Medium, 10183	1942	S	97.67	S	81
	12556	Timothy, 66228	1942	S	99.70	S	90
	12557	Timothy, Special, 5346	1942	S	98.25	S	90
	12558	Timothy, Monad., 5345	1942	S	99.50	S	90
John P. Kimball, Exeter	12426	Alsike Clover	1940	S	98.50	77.5	89
	12425	Redtop, 100	1940	S	98.20	S	92
Lisbon Coal & Grain Co., Lisbon	12594	Red Clover, Medium, 6249	1942	S	99.25	S	82
J. J. Moreau & Son, Manchester	12401	Hungarian Millet, 48-2	1942	S	99.56	S	83
	12402	Japanese Millet, 466	1942	A	97.50	S	85
	12409	Oats, Swedish Type, 8350	1941	S	99.40	S	90
	12406	Rape, Dwarf Essex, 9611	1942	S	99.00	S	92
	12408	Red Clover, Pan American, Medium, 50541	1942	S	99.24	A	81
	12405	Redtop, Pan American, 40516	1942	S	94.70	S	95
	12403	Timothy, Pan American, 781	1941	S	99.60	S	91
	12404	Timothy, Pan American, 12522	1942	S	99.65	S	90
	12410	Vetch, Winter Hairy, 9484	1941	S	99.69	65	90
	12407	White Clover, Fancy, 56-4-29	1942	S	97.10	71	88
Merrimack Farmers' Exchange. Concord	12324	Alfalfa, Grimm, 27612	1942	S	99.50	S	80
	12325	Alsike Clover, 21882	1942	94.73	98.30	S	81
	12338	Bluegrass, Kentucky, 0329	1942	S	86.40	S	85
	12326	Buckwheat, Japanese, 16145-6	1941	S	99.64	S	96
	12341	Canada Field Peas, 085343	1940	S	99.50	S	90
	12337	Chewings Fescue, 9945	1941	S	98.00	S	85
	12336	Crimson Clover, Domestic, 21257	1941	S	99.00	S	83
	12342	Crimson Clover, 22-15	1939	S	98.68	S	78
	12315	Hungarian Millet	1942	S	99.08	S	80
	12316	Japanese Millet, 81207	1941	S	97.82	S	87

A=Above. S=Satisfactory.

*As stated on tag accompanying seed.

Name and Address of Dealer	Sample No.	Kind of Seed	Tested* Date	Purity		Germination	
				Found	Guaranteed	Found	Guaranteed
Merrimack Farmers' Exchange, ... Concord (continued)	12323	Ladino Clover, 026594	1942	S	98.40	S	70
	12340	Rape, Dwarf Essex, 095565	1942	S	99.68	S	95
	12327	Red Clover, Medium, 24846	1942	S	99.40	S	84
	12333	Red Clover, Mammoth, 023780-2 ..	1940	S	99.50	82	90
	12343	Red Clover, Medium, 24797	1941	S	99.34	S	75
	12318	Redtop, 4121	1941	S	93.40	S	91
	12320	Rye, Spring, 07475	1940	S	98.44	66.5	96
	12339	Ryegrass, Perennial, 573	1941	S	99.00	S	90
	12322	Sudan Grass, 098322	1942	S	98.46	S	85
	12334	Sweet Clover, White Blossom, 25251	1941	S	99.80	S	83
	12335	Sweet Clover, White Blossom, 25273	1941	S	99.60	S	86
	12317	Timothy, 5519	1941	S	99.60	S	90
	12328	Timothy, 8042	1941	S	99.60	S	85
	12329	Timothy, 6633	1941	S	99.70	S	90
	12332	Timothy, 66159	1941	S	99.70	S	92
	12321	Vetch, Winter, 99203	1941	S	99.29	S	84
	12319	Wheat, Winter, Yorkwin, 73-35 ...	1940	S	99.50	S	92
	12330	Wheat, Spring, Marquis Type, 75129	1939	S	99.00	S	90
	12331	Wheat, Spring, Marquis, 07598 ...	1940	S	98.87	S	85
Merrimack Farmers' Exchange, ... Exeter	12343	Hungarian Millet, 8383	1942	S	99.08	S	80
	12437	Japanese Millet, 81207	1941	S	97.82	S	87
	12411	Oats, Merrimack	....	S	96.00	S	95
	12412	Redtop, 4121, Ace	1941	S	93.40	S	91
	12436	Redtop, Oriole, 462	1941	S	93.50	S	90
	12413	Soybeans, Wilson, 23130	1941	S	98.00	S	80
	12435	Timothy, Pan American, 66159 ...	1941	S	99.70	S	92
Merrimack Farmers' Exchange, ... Franklin	12587	Alfalfa, Grimm, 27539	1941	S	99.14	S	80
	12550	Alsike Clover, Solar, 4298	1942	S	98.25	S	82
	12562	Japanese Millet, 23095	1941	S	97.00	S	90
	12549	Red Clover, Solar, Medium, 10567	1942	S	99.36	S	86
	12548	Rye, Spring, 23852	1942	S	96.00	S	75
	12551	Vetch, Hairy, 99201	1940	S	99.64	S	80
Merrimack Farmers' Exchange, ... Manchester	12366	Alsike Clover, 8073	1941	S	95.50	S	75
	12468	Barley, 6-row, 1119-10	1941	S	99.69	S	93
	12469	Redtop, Pine Tree, 4154	1942	S	95.90	S	93
A. M. Rand, ... Plymouth	12604	Red Clover, Medium, 8667	1942	S	99.55	S	85
	12552	Redtop, 8508	1942	S	90.40	S	90
	12605	Timothy, 66162	1941	S	99.70	S	91

S. A. Schurman & Son, Portsmouth	12484	Alfalfa, Grimm, Pan American, 22-4	1942	S	99.16	S	80
	12483	Alsike Clover, Anchor, 25-310	1942	S	97.50	68	80
	12478	Bluegrass, Kentucky, Extra Fancy, 36720	1942	S	98.20	76.5	88
	12479	Golden Millet, 47-3	1942	S	99.36	S	82
	12480	Hungarian Millet, 38-163	1941	S	98.00	S	88
	12486	Hungarian Millet, 48-2	1942	S	99.56	56.5	83
	12481	Redtop, 30-105	1941	S	95.00	S	90
	12485	Redtop, 30-117	1942	S	92.00	S	90
	12487	Ryegrass, Domestic, 441	1942	S	99.76	S	92
	12482	Timothy, Arco, 10-365	1942	S	99.60	S	90
J. H. Seavey, Dover	12453	Barley, Wisconsin No. 38, 6-row, 5987	1942	S	98.79	S	92
	12460	Hungarian Millet, 6181	1942	S	99.04	S	80
	12452	Japanese Millet, 5447	1940	S	98.00	S	90
	12459	Japanese Millet, 1473	1941	S	97.14	S	88
	12454	Oats, Victory, 5924	1941	S	98.50	S	93
	12464	Rape, 4461	1940	S	99.51	S	95
	12465	Redtop, 3072	1941	S	97.18	S	92
	12466	Timothy, Liberty, 3604	1942	S	99.70	S	90
F. B. Spaulding Company, Lancaster	12512	Alsike Clover, 25-312	1942	S	98.00	S	81
	12505	Barley, Wisconsin	1942	S	98.79	S	92
	12513	Barley, Wisconsin No. 38, 35-315	1942	S	99.60	S	93
	12504	Buckwheat, Japanese, 65-104	1942	S	99.00	S	88
	12502	Hungarian Millet, 38-248	1942	A	97.50	S	85
	12515	Hungarian Millet, 83-3	1942	S	99.10	S	85
	12500	Japanese Millet, 38-251	1942	S	97.50	S	85
	12514	Japanese Millet, 6237	1942	S	98.01	S	90
	12516	Japanese Millet, 81-6	1942	S	97.94	S	86
	12527	Oats, O & M Seed, 188	1941	S	99.00	S	93
C. P. Stevens, Plymouth	12602	Buckwheat, Japanese, 86-21	1939	S	99.92	S	95
	12603	Japanese Millet, 28176	1941	S	98.66	S	85
	12599	Mixture, Stevens'	1939	S	98.32	44	91
	12609	Oats, Swedish Select Type, 73-12	1940	S	97.18	S	92
	12598	Soybeans, Black Wilson, 84-222	1940	S	99.20	S	85
	12593	Timothy, 66-226	1942	S	99.60	S	90
The Stymest Company, Bath	12542	Timothy, 3551	1942	S	99.65	S	90
Sunshine Feed Store, Manchester	12397	Alfalfa, Grimm, 28-306	1942	S	99.50	60	75
	12395	Japanese Millet, 38-23	1942	S	98.25	S	85

*As stated on tag accompanying seed. A=Above. S=Satisfactory.

Name and Address of Dealer	Sample No.	Kind of Seed	Tested* Date	Purity Found	Purity Guaranteed	Germination Found	Germination Guaranteed
Sunshine Feed Store, ... Manchester (continued)	12399	Oats, Anchor Brand, Victory Type, 36-144	1942	S	98.10	S	92
	12398	Rape, 44-40	1942	S	98.30	S	86
	12394	Red Clover, Medium, 15-391	1942	S	99.00	S	78
	12396	Redtop, 30-114	1942	S	92.00	S	90
	12393	Timothy, 10-357	1942	S	99.62	78	90
	12400	Timothy, Arco, 10-331	1941	S	99.60	S	90
Alex Szyman, ... Claremont	12581	Alfalfa, Grimm, 5812	1941	S	99.80	S	79
	12573	Hungarian Millet, 8380	1941	S	98.84	S	81
	12574	Hungarian Millet, 16-6042	1941	A	97.60	57.5	85
	12582	Japanese Millet, J-C-41	1941	A	95.72	S	84
	12578	Red Clover, Medium, 3981	1942	S	98.70	S	84
	12579	Redtop, 3853	1942	S	92.60	S	90
	12589	Redtop, 3072	1941	S	97.18	S	92
	12583	Sudan Grass, 30-1	1942	S	98.00	S	85
	12572	Timothy, 3584	1942	S	99.60	74.5	90
Sunshine Feed Store, ... West Lebanon	12577	Oats, Anchor Branch, Victory Type, 36-155	1942	S	98.10	S	92
	12561	Soybeans, Cayuga, 42-165	1942	S	99.00	S	88
	12590	Sudan Grass, 70-89	1942	S	98.00	S	85
	12591	Timothy, 10-302	1941	S	99.60	S	90
J. B. Varick Company, ... Manchester	12373	Alsike Clover, 21891	1942	S	98.95	S	80
	12384	Bentgrass, Astoria, 034637	1942	S	98.90	S	90
	12380	Bluegrass, Kentucky, 0324	1942	S	87.00	S	83
	12383	Chewings Fescue, 034615	1942	S	98.25	S	85
	12376	Hungarian Millet	1942	S	99.58	S	85
	12382	Japanese Millet, 81207	1942	S	97.82	S	90
	12374	Oats, 73229	1942	S	98.38	S	93
	12371	Rape, Dwarf Essex, 095567-1	1942	S	99.80	S	95
	12381	Redtop, 4153	1942	S	92.10	S	92
	12372	Rye, Spring, 74237	1942	S	98.08	S	90
	12379	Ryegrass, Domestic, 038212-2	1942	S	98.80	S	90
	12370	Soybeans, Wilson, 084456	1942	S	99.50	S	90
Woodsville Grain Company, ... Woodsville	12567	Alfalfa, Grimm, 2286	1940	S	99.04	S	84
	12546	Alsike Clover, Pan American, 1559	1942	S	98.00	S	81
	12553	Hungarian Millet, 38-237	1941	S	99.10	S	82
	12563	Japanese Millet, 38-144	1939	97.37	98.50	S	86

	12588	Red Clover, Medium, 24907	1942	S	99.24	A	82
	12541	Redtop, 4179	1942	S	92.80	S	91
	12580	Timothy, 66253	1942	S	99.65	S	90
W. A. Young, ... Exeter	12423	Red Clover, Medium, 7454	1939	A	62.00	S	77
	12422	Redtop, 7413	1939	A	84.00	S	90
	12424	Timothy, 7427	1939	A	95.00	1	90

*As stated on tag accompanying seed.

A=Above S=Satisfactory.

NOV
1952